

D2

71. (Amended) The method of claim 40, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.

D3

~~75. (Amended) The method of claim 40, wherein said treatment composition consists essentially of components that are biomimetic to skin.~~

77. (Amended) A method of cosmetic treatment, comprising contacting human skin with a treatment composition comprising an aqueous complex nutritive base, wherein said complex nutritive base comprises the following components, the concentration of the components being expressed in milligrams per liter of solvent:

D4

L-Alanine	9.2
L-Arginine HCl	421.4
L-Asparagine (anhydrous)	14.2
L-Aspartic acid	4.0
L-Cysteine HCl·H ₂ O	42.0
L-Glutamic acid	14.8
L-Glutamine	1754.4
Glycine	7.6
L-Histidine HCl·H ₂ O	50.0
L-Isoleucine	6.0
L-Leucine	131.2
L-Lysine HCl	54.0
L-Methionine	13.5
L-Phenylalanine	10.0
L-Proline	34.6
L-Serine	126.1
L-Threonine	24.0

L-Tryptophan	9.3
L-Tyrosine 2 Na 2H ₂ O	11.7
L-Valine	70.3
d-Biotin	0.02
Folic acid	0.80
Nicotinamide	0.04
Ca D-Pantothenate	0.30
Pyridoxine HCl	0.06
Riboflavin	0.04
Thiamine HCl	0.30
Vitamin B ₁₂	0.41
i-Inositol	18.0
Putrescine 2 HCl	0.20
Sodium pyruvate	55.0
Thymidine	0.73
Adenine (HCl)	24.0
DL-Lipoic acid	0.20
D-Glucose	1080.0
Sodium chloride	6800.0
KCl	112.0
Na ₂ HPO ₄	284.0
CuSO ₄ ·5H ₂ O	0.003
Sodium acetate	300.0 (anhydrous)
HEPES (piperazine)	6600.0
Phosphorylethanolamine	0.06768

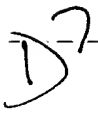
Ethanolamine	0.04684
Sodium sulphate	3.4
Sodium-bicarbonate	1-160.0
FeSO ₄ ·7H ₂ O	1.39
MgCl ₂ ·6H ₂ O	120.0
CaCl ₂ ·2H ₂ O	from 13.0 to 22.05
ZnSO ₄ ·7H ₂ O	0.144
(NH ₄) ₆ MO ₇ O ₂₄ ·4H ₂ O	0.00120
Na ₂ SiO ₃ ·5H ₂ O	0.142
MnCl ₂ ·4H ₂ O	0.00002
SnCl ₂ ·2H ₂ O	0.00011
NH ₄ VO ₃	0.00057.

80. (Amended) The method of claim 40, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.

112. (Amended) A method of cosmetic treatment, comprising contacting only an area of human skin whose integrity has not been breached by a wound with a treatment composition comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components, and at least one inorganic salt, wherein said treatment composition does not comprise a biological extract of animal or cellular origin, or a living nourishing substrate, or a cellular growth stimulating compound or factor, or a hormone.

128. (Amended) A method of cosmetic treatment, comprising contacting human skin with a composition that permits per se viable *in vitro* growth of human epidermal keratinocytes, wherein said composition does not comprise either a biological extract of


animal or cellular origin, or a living nourishing substrate, and wherein said composition does not contain any cellular growth stimulating compound or factor, or any hormone.

 --129. (Amended) The method of claim 128, wherein said composition comprises a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt.

Please add new claims 130-164 as follows:

--130. The method of claim 40, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes, with no proliferation of any transformed human epidermal keratinocyte.--

--131. The method of claim 40, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

 --132. The method of claim 40, wherein said method is for maintaining the integrity and balance of the superficial cells of the skin.--

--133. The method of claim 112, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--

--134. The method of claim 112, wherein said treatment composition consists essentially of components that are biomimetic to skin.--

--135. The method of claim 112, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl, L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine, L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine 2 Na 2H₂O, and L-Valine.--

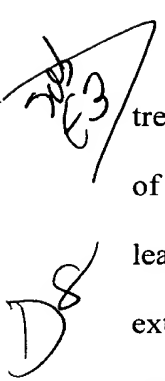
--136. The method of claim 112, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid, Nicotinamide, Ca D-Pantothenate, Pyridoxine HCl, Riboflavin, Thiamine HCl, and Vitamin B₁₂.--

--137. The method of claim 112, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose:-----

--138. The method of claim 112, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes, with no proliferation of any transformed human epidermal keratinocyte.--

--139. The method of claim 112, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

--140. The method of claim 112, wherein said method is for maintaining the integrity and balance of the superficial cells of the skin.--

--141. A method of cosmetic treatment, comprising contacting human skin with a treatment composition comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt, wherein said treatment composition does not contain a biological extract of animal or cellular origin, or a living nourishing substrate, and wherein said treatment composition consists essentially of components that are biomimetic to skin.--

--142. The method of claim 141, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes.--

--143. The method of claim 141, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--

--144. The method of claim 141, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl, L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine, L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine 2 Na 2H₂O, and L-Valine.--

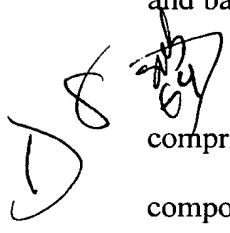
--145. The method of claim 141, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid, Nicotinamide, Ca

~~D-Pantothenate, Pyridoxine HCl, Riboflavin, Thiamine HCl, and Vitamin B₁₂.~~

--146. The method of claim 141, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.--

--147. The method of claim 141, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

--148. The method of claim 141, wherein said method is for maintaining the integrity and balance of the superficial cells of the skin.--

 --149. A cosmetic composition, comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt, wherein said cosmetic composition does not comprise a biological extract of animal or cellular origin, or a living nourishing substrate, or a cellular growth stimulating compound or factor, or a hormone.--

--150. The cosmetic composition of claim 149, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--


--151. The cosmetic composition of claim 149, wherein said cosmetic composition consists essentially of components that are biomimetic to skin.--

--152. The cosmetic composition of claim 149, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl, L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine, L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine 2 Na 2H₂O, and L-Valine.--


--153. The cosmetic composition of claim 149, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid,

~~Nicotinamide, Ca-D-Pantothenate, Pyridoxine-HCl, Riboflavin, Thiamine HCl, and Vitamin~~
B₁₂.--

--154. The cosmetic composition of claim 149, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.--

--155. The cosmetic composition of claim 149, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes, with no proliferation of any transformed human epidermal keratinocyte.--

--156. The cosmetic composition of claim 149, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

--157. A cosmetic composition, comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt, wherein said cosmetic composition does not contain a biological extract of animal or cellular origin, or a living nourishing substrate, and wherein said cosmetic composition consists essentially of components that are biomimetic to skin.--


--158. The cosmetic composition of claim 157, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes.--

--159. The cosmetic composition of claim 157, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--

--160. The cosmetic composition of claim 157, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl,

L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine,
L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine,
L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine-2-Na-2H₂O, and L-Valine.

--161. The cosmetic composition of claim 157, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid, Nicotinamide, Ca D-Pantothenate, Pyridoxine HCl, Riboflavin, Thiamine HCl, and Vitamin B₁₂.


 --162. The cosmetic composition of claim 157, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.

--163. The cosmetic composition of claim 157, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.

--164. A cosmetic composition, comprising an aqueous complex nutritive base comprising the following components, the concentration of the components being expressed in milligrams per liter of solvent:

L-Alanine	9.2
L-Arginine HCl	421.4
L-Asparagine (anhydrous)	14.2
L-Aspartic acid	4.0
L-Cysteine HCl·H ₂ O	42.0
L-Glutamic acid	14.8
L-Glutamine	1754.4
Glycine	7.6
L-Histidine HCl·H ₂ O	50.0

L-Isoleucine	6.0
L-Leucine	131.2
L-Lysine-HCl	54.0
L-Methionine	13.5
L-Phenylalanine	10.0
L-Proline	34.6
L-Serine	126.1
L-Threonine	24.0
L-Tryptophan	9.3
L-Tyrosine 2 Na 2H ₂ O	11.7
L-Valine	70.3
d-Biotin	0.02
Folic acid	0.80
Nicotinamide	0.04
Ca D-Pantothenate	0.30
Pyridoxine HCl	0.06
Riboflavin	0.04
Thiamine HCl	0.30
Vitamin B ₁₂	0.41
i-Inositol	18.0
Putrescine 2 HCl	0.20
Sodium pyruvate	55.0
Thymidine	0.73
Adenine (HCl)	24.0
DL-Lipoic acid	0.20



D-Glucose	1080.0
Sodium chloride	6800.0
KCl	112.0
Na ₂ HPO ₄	284.0
CuSO ₄ ·5H ₂ O	0.003
Sodium acetate	300.0 (anhydrous)
HEPES (piperazine)	6600.0
Phosphorylethanolamine	0.06768
Ethanolamine	0.04684
Sodium sulphate	3.4
Sodium bicarbonate	1160.0
FeSO ₄ ·7H ₂ O	1.39
MgCl ₂ ·6H ₂ O	120.0
CaCl ₂ ·2H ₂ O	from 13.0 to 22.05
ZnSO ₄ ·7H ₂ O	0.144
(NH ₄) ₆ MO ₇ O ₂₄ ·4H ₂ O	0.00120
Na ₂ SiO ₃ ·5H ₂ O	0.142
MnCl ₂ ·4H ₂ O	0.00002
SnCl ₂ ·2H ₂ O	0.00011
NH ₄ VO ₃	0.00057.--

REMARKS

Claims 40, 71, 75, 77-80, 112 and 128-164 are pending. Claims 41, 65, 66, 70, 72-74, 76, 81-95 and 113-127 are canceled; claims 40, 71, 75, 77, 80, 112, 128 and 129 are amended; and claims 130-164 are added herein.